

IN THE CLAIMS:

Please amend claims 1-8 and add new claims 9-15 as follows. A marked up version showing the changes made to claims 1-8 is attached hereto.

1. (amended) In combination:

a chamber in which a process is carried out such that substances in said chamber are exposed to the effect of one or more high frequency radiation; and

at least one sensor that does not react to and does not affect high frequency radiation, said sensor being mounted in said chamber to detect a.

2. (amended) A combination according to claim 1, wherein said sensor detects temperature and said safety device includes a pressure line that allows high frequencies to pass through it and which is located in the chamber, said pressure line having a low melting temperature.

3. (amended) A combination according to claim 9, wherein said seal comprises plastic.

4. (amended) A combination according to claim 2, wherein said pressure line is a rigid pipe which extends into said chamber.

5. (amended) A combination according to claim 2, wherein said pressure line is a flexible pipe or tube.

6. (amended) A combination according to claim 2, wherein said pressure line is a functional element of said safety device.

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7. (amended) A combination according to claim 2, further including a pressure-sensitive controller connected to said pressure line for activation of the safety device.

8. (amended) A combination according to claim 7, wherein said pressure sensitive controller is also connected with at least one other sensor.

9. (new) A combination according to claim 1, wherein said sensor detects temperature and said safety device includes a pressure line that allows high frequencies to pass through it and which protrudes into said chamber and which has a seal, said pressure line and said seal being pressure-stable and constructed to permit passage of high frequencies, said seal having a low melting temperature.

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10. (new) A combination according to claim 2, wherein said pressure line is a pressurized line of a fire extinguishing system which carries an extinguishing agent.

11. (new) A combination according to claim 2, further including a pressure-sensitive controller connected to said pressure line for activation of the safety device.

12. (new) A combination according to claim 1, wherein said safety device is a fire extinguishing system or a cooling unit which uses inert gases for cooling.

13. (new) A combination according to claim 3, wherein said plastic is selected from the group consisting of polyethelyene, polypropylene, polystyrene and a combination thereof.